

APRIL 19 7:30 am Golf Tournament
 10:00 am Registration in Exhibit Room

Time	Room A: Keynote Speaker		
1:30pm	David R. DeWalle, National AWRA President & Director of Pennsylvania Water Resources Research Center at Penn State <i>Meeting the Future Needs of Water Resources Professionals: The AWRA Perspective and Beyond</i>		
3:00pm	Coffee Break in Exhibit Room <i>co-sponsored by Stevens Water Monitoring and Tennessee Stream Mitigation Program</i>		
	Session 1A (Room A)	Session 1B (Room B)	Session 1C (Room C)
	Surface-Water Quality I Moderator: John Ricketts, Brown and Caldwell	Ground-Water/Surface-Water Interaction Moderator: Larry Murdock, Duck River Agency	Geomorphology Moderator: Bill Wolfe, USGS
3:30pm	Evaluation of Sediment Toxicity on Mussel Populations in the Clinch, Powell, and Big South Fork River Basins in TN, VA, and KY. <i>G. Johnson</i>	Pesticide and Degradate Concentrations in a Closely Linked Ground Water - Surface Water System in a Sand Aquifer: Initial Comparisons. <i>A. Choquette</i>	Predicting the Distribution of Gravel Bars in Tennessee Streams. <i>S. Mudd</i>
4:00pm	Fate of Herbicides Used in Pine Plantations on the Cumberland Plateau. <i>J. Harwood</i>	Watershed Assessment of the Upper Duck River Watershed. <i>R. Knight</i>	Rainsplash Transport Revealed by High-Speed Imaging, and Implications for Soil Erosion. <i>D. Furbish</i>
4:30pm	Regional Characterization of Streams in Tennessee with Emphasis on Diurnal Oxygen, Nutrients, Habitat, Geomorphology and Macroinvertebrates. <i>R. James</i>	Summary of Hydrologic Conditions in Tennessee, 2005. <i>S. Gain</i>	Spatial and Temporal Variability of Turbidity and Suspended Sediment in Southwest Williamson County, Tennessee. <i>T. Diehl</i>
5-6pm	Vendor Equipment Demonstration Session at the dock behind the hotel restaurant.		
6-8pm	Dinner at Group Camp 1		

APRIL 20 7:00 am Fun Run *sponsored by Barge Waggoner Sumner & Cannon, Inc.*
 7:30 am Coffee and biscuits in Exhibit Room *sponsored by the Ground Water Institute, The University of Memphis*
 8:00 am Registration in Exhibit Room

Time	Session 2A (Room A)	Session 2B (Room B)	Session 2C (Room C)
	Surface-Water Quality II Moderator: Rodney Knight, USGS	Watershed Investigations Moderator: Bill Hamilton, BWSC	Water Resources Education in Tennessee Moderator: Chris Clark, UT
8:30am	Effects of Water Chemistry and Watershed Characteristics on Populations of Trout in the Great Smoky Mountains National Park. <i>K. Jackson</i>	Implementation of the Corps Water Management System. <i>B. Barron</i>	Hydraulics and Hydrology Course at the Universtiy of Tennessee Martin. <i>G. Nail</i>
9:00am	Status of Water Quality in Tennessee 2006 305(b) Report. <i>P. Davis; K. Sparks</i>	Descriptive Statistics for Raw Water Data from Water Treatment Facilities in the Nolichucky River Basin, Northeast Tennessee. <i>R. Curtis</i>	University of Tennessee at Knoxville. <i>R. Gentry</i>
9:30am	2005-2006 Triennial Review of Water Quality Standards. <i>G. Denton</i>	Impacts of Urbanization on Habitat Quality and Fisheries in a Ridge and Valley Watershed: Implications for Stream Rehabilitation Planning. <i>R. Sain</i>	Vanderbilt University. <i>E. LeBoeuf</i> University of Memphis. <i>J. Anderson</i> <i>Q&A</i>
10:00am	Coffee Break in Exhibit Room <i>sponsored by Vanderbilt University Environmental Sciences and Engineering</i>		
10:30am	Surface-Water Quality III Moderator: Jenny Adkins, USDA NRCS	Watershed Partnerships I Moderator: Sherry Wang, TDEC WPC	GIS Application Strategies I Moderator: Garland Wiggins, TDEC WPC
	Natural Solutions for Water Quality and Stormwater Management. <i>D. Galbreath</i>	Tennessee Valley Authority's Water Quality Initiatives Process. <i>T. McDonough</i>	GIS Applications for Phase 2 Stormwater. <i>R. McClanahan</i>
11:00am	Heavy Metal Record in <i>Corbicula</i> Shells near a Former Industrial Site. <i>K. Savage</i>	Addressing Water Quality Issues of Oostanaula Creek through Water Resource Partnerships. <i>L. Harris</i>	Geographic Information System as a Tool for Data Integration and Engineering Decision Making in Watershed Restoration. <i>J. Temple</i>
11:30am	Construction Storm Water Compliance (or the Lack Thereof) in the Memphis Area - What is TDEC/WPC Doing to Enlighten Responsible Parties? <i>T. Templeton</i>	Boone Initiative: A Watershed Approach to Improve Reservoir Health. <i>S. O'Quinn</i>	Tennessee Streamstats: A Web-enabled Geographic Information System Application for Automating the Calculation of Streamflow Statistics. <i>D. Ladd</i>

Noon	Lunch with Luncheon Speaker Rob Mottice, Tennessee Aquarium in Chattanooga
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April 20 <i>(cont)</i> Time	Session 2A (Room A)	Session 2B (Room B)	Session 2C (Room C)
	Regulation and Policy Management Moderator: David Feldman, UT	Watershed Partnerships II Moderator: Scott Gain, USGS	GIS Application Strategies II Moderator: Brian Waldron, GWI
1:30pm	ARAP and the Economics of Piney River Supply Planning. <i>B. Wade</i>	The Beaver Creek Watershed Partnership Overview and Watershed Plan. <i>R. Arthur</i>	Spill Management Information System (SMIS) Version 2.0. <i>J. Smith</i>
2:00pm	Tennessee Stream Mitigation Program (TSMP): The Status of In-Lieu-Fee Stream Mitigation in Tennessee. <i>J. Woodard</i>	The Beaver Creek Watershed Partnership: Education and Outreach. <i>R. Hanahan</i>	Geographical Information System Tracking of the Effects of Storm Water Runoff and Combined Sewer Overflows on Urban Streams. <i>C. Emerson</i>
2:30pm	Of Dead Cows and Soda Straws. <i>T. Moss</i>	Use of a Dynamic Sediment Delivery Model for Watershed Planning in Beaver Creek, Knox County, Tennessee. <i>S. Bennett</i>	A Comparative Study of GIS Monitoring Techniques for Tracking <i>Arundinaria Gigantea</i> and <i>Justicia Americanum</i> Restoration Sites Used for Stream Habitat Enhancement. <i>J. McMahan</i>
3:00pm	Coffee Break in Exhibit Room		
3:30pm	Judges will evaluate student posters in the Mezzanine. Student Poster Presenters will be available to discuss and answer questions about their displayed posters with the judges.		
3:30pm	Remediation Techniques Moderator: Gregg Hileman, USGS	Watershed Partnerships III Moderator: John McClurkan, TDA	Field Investigations-Measurements Moderator: George Law, USGS
	An Economical In-Situ Alternative for Treatment of Nitrate Contaminated Groundwater. <i>K. Bell</i>	Little River Watershed Initiative. <i>T. McDonough</i>	Finding Bankfull: A Story from the Tablelands. <i>R. Albright</i>
4:00pm	Quantifying Peroxide-enhanced Benzene and Toluene Biodegradation in a Single-Well Injection. <i>L. King</i>	The Stock Creek Watershed Restoration Plan. <i>R. Arthur</i>	Regional Curves for the Southwestern Appalachian Ecoregion. <i>G. Babbitt</i>
4:30pm	North Potato Creek In-Pit Water Treatment Plant at the Copper Basin Mining Site. <i>G. Wyatt</i>	Bullrun Creek Restoration Initiative. <i>T. Reed</i>	False gages. <i>B. Barron</i>
5:30pm	Poster Session in the Mezzanine: All Poster Presenters will be available to discuss and to answer questions about their displayed posters.		
6-8pm	Dinner co-sponsored by Tetra Tech followed by the TN AWRA Business Meeting and a Movie--Kilowatt Ours with film maker Jeff Barrie		

APRIL 21 7:30 am Coffee & biscuits in the Exhibit Room *sponsored by TN Water Resources Research Center & Southeastern Water Resources Institute*

Time	Session 3A (Room A)	Session 3B (Room B)	Session 3C (Room C)
	Source Water Moderator: Robin Cathcart, TDEC Policy Office	Storm Water Moderator: Anne Hoos, USGS	Drugs and Bugs Moderator: Tom Byl, USGS
8:30am	Robertson County: Water for the Future. <i>G. Garden</i>	10 Days to a New You! (Easy Steps for NPDES Permit Compliance). <i>T. Lawnece</i>	24 Month Pathogen Study of the Duck River Watershed including Normandy Reservoir. <i>K. Childress</i>
9:00am	EPA Perspectives on the Future of Source Water Protection. <i>S. Howell</i>	Characterization of Storm and Non-Storm Discharge in a Storm-Sewer Channel in Memphis, TN: In Search of Water and Contaminant Sources. <i>D. Larsen</i>	<i>Bacteroides</i> as an Alternative to <i>E. coli</i> as a Fecal Indicator. <i>A. Layton</i>
9:30am	Water Demand Projections in the Upper Duck River 2000 to 2030. <i>S. Hutson</i>	Metro Nashville's Watershed Management Plan. <i>S. Winesett</i>	Exposure of Aquatic Organisms to Pharmaceutical Products in Surface Waters. <i>T. Henry</i>
10:00am	Coffee Break in Exhibit Room sponsored by S&ME, Inc.		
10:30am	Stream Restoration Moderator: Paul Davis, TDEC WPC	Ground Water Migration and Classification Moderator: Mike Bradley, USGS	Public Education and Awareness Moderator: Dennis George, TTU
	Overview of Construction of Three Large Stream Restoration Projects in Tennessee. <i>K. Barry</i>	Altitudes of Ground Water Levels for 2005, and Historic Water Level Change in the Surficial and Memphis Aquifers, Memphis, TN. <i>V. Konduru</i>	Development of an Annotated Bibliography Characterizing the Duck River Basin (HUC TN06040002 and HUC TN06040003): Culture, History, and Science. <i>A. Knox</i>
11:00am	Probabilistic Study of Stream Quality below Small and Medium Sized Impoundments in Tennessee. <i>G. Denton</i>	Mississippi, Arkansas, Tennessee Regional Aquifer Study (MATRAS). <i>J. Carmichael</i>	WaterWorks! In the Mainstream. <i>K. Hargrove</i>
11:30am	Stream Bank Stabilization along Little Harpeth River is Eagle Scout Project. <i>D. Green</i>	Groundwater Tracing in the Rockhouse Cave System, Elizabethton. <i>T. Burnham</i>	Water Chemistry and Quality Change in the Rockhouse Cave System, Elizabethton. <i>N. Gibson</i>
			The New Contractor EPSC Certification Program Developed by the City of Bowling Green Kentucky. <i>J. Lashlee</i>